

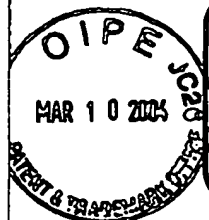
Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4 Express Mail No:

## Complete if Known

Application Number 10/665,066  
Filing Date September 17, 2003  
First Named Inventor Pankaj Patel et al.  
Group Art Unit 1731  
Examiner Name Unknown  
Attorney Docket Number 00568-286923  
EV 367 776 488 US

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication Cited Document MM-DD-YYYY	Class Sub	
		Number	Kind Code <sup>2</sup> (if known)			Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
JWM	1	48,936		F.X. Hazman et al.	07-25-1865		
	2	1,999,222		M.X.C. Weinberger	04-30-1935		
	3	1,999,223		M.X.C. Weinberger	04-30-1935		
	4	1,999,224		W.C. Miles	04-30-1935		
	5	2,049,320		Hans Ruben et al.	07-28-1936		
	6	2,149,896		Edward Hoxsie McArdle et al.	03-07-1939		
	7	2,512,414		Richard Norman Booth	06-20-1950		
	8	2,876,160		Thomas J. Schoch et al.	03-03-1959		
	9	3,165,105		Robert A. Campbell	01-12-1965		
	10	3,288,147		D. W. Molins et al.	11-29-1966		
	11	3,422,819		David Aubrey Jones et al.	01-21-1969		
	12	3,632,384		Joseph Saint-Pastou	01-04-1972		
	13	3,693,313		John H. Sextone	09-26-1972		
	14	3,773,055		George E. Stungis et al.	11-20-1973		
	15	3,844,199		Hans-Jurgen Block et al.	10-29-1974		
	16	3,890,980		Erwin Helmut Geldmacher	06-24-1975		
	17	3,915,176		Bob Heitmann et al.	10-28-1975		
	18	3,987,804		Desmond Walter Molins et al.	10-26-1976		
	19	3,999,559		Clifford Russell Marritt et al.	12-28-1976		
	20	4,169,278		Ferdinand Roehlich et al.	09-25-1979		
	21	4,174,720		Floyd V. Hall	11-20-1979		
	22	4,186,754		Francis A.M. Labbe	02-05-1980		
	23	4,208,956		Floyd V. Hall	06-24-1980		
	24	4,237,907		Karl-Heinz Pawelko et al.	12-09-1980		
	25	4,251,824		T. Hara et al.	02-17-1981		
	26	4,252,527		Floyd V. Hall	02-24-1981		
	27	4,280,187		Joachim Reuland et al.	07-21-1981		
	28	4,281,670		Uwe Heitmann et al.	08-04-1981		
	29	4,291,713		Willi Frank	09-29-1981		
	30	4,340,074		Thomas T. Tudor	07-20-1982		
	31	4,361,156		Floyd V. Hall	11-30-1982		
	32	4,409,995		Walter A. Nichols	10-18-1983		
	33	4,410,899		M. Haruta et al.	10-18-1983		
	34	4,412,224		H. Sugitani	10-25-1983		
	35	4,412,829		Jean-Pierre Lebet	11-01-1983		
	36	4,434,805		Floyd V. Hall	03-06-1984		
	37	4,459,998		Francis A.M. Labbe et al.	07-17-1984		
	38	4,463,359		N. Ayata et al.	07-31-1984		
	39	4,474,190		Peter Brand	10-02-1984		
	40	4,532,530		W. G. Hawkins	07-30-1985		
	41	4,574,816		W. Rudszinat	03-11-1986		
	42	4,582,507		Everett C. Grollimund	04-15-1986		
	43	4,580,579		Gunter Wahle et al.	04-08-1986		
	44	4,583,558		John A. Luke	04-22-1986		
	45	4,590,954		Eldon D. Gooden	05-27-1986		
	46	4,601,777		W. G. Hawkins	07-22-1986		
	47	4,607,647		Frederick J. Dashley et al.	08-26-1986		
	48	4,619,276		Douglas E. Albertson et al.	10-28-1986		
	49	4,619,278		Clement G. Smeed et al.	10-28-1986		
	50	4,643,203		Francis A.M. Labbe	02-17-1987		
	51	4,727,888		John A. Luke	03-01-1988		

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/665,066
		Filing Date	September 17, 2003
		First Named Inventor	Pankaj Patel et al.
		Group Art Unit	1731
		Examiner Name	Unknown
		Attorney Docket Number	00568-286923
Sheet	2 of 4	Express Mail No:	EV 367 776 488 US

BHM				Class Sub			
52	4,732,165		Gerhard Hakansson et al.	03-22-1988	/	/	/
53	4,736,754		Uwe Heitmann et al.	04-12-1988	/	/	/
54	4,781,203		Paul D. La Hue	11-01-1988	/	/	/
55	4,844,100		U. Holznagel	07-04-1989	/	/	/
56	4,845,374		K. W. White et al.	07-04-1989	/	/	/
57	4,878,506		P. Pinck et al.	11-07-1989	/	/	/
58	4,889,145		Brian Adams et al.	12-26-1989	/	/	/
59	4,899,765		J. W. Davis et al.	02-13-1990	/	/	/
60	4,944,316		Oskar Stuhl et al.	07-31-1990	/	/	/
61	4,945,932		E. Mentzel et al.	08-07-1990	/	/	/
62	4,962,773		Jackie L. White et al.	10-16-1990	/	/	/
63	4,979,521		James W. Davis et al.	12-25-1990	/	/	/
64	5,012,823		G. D. Keritsis et al.	05-07-1991	/	/	/
65	5,060,665		Uwe Heitmann	10-29-1991	/	/	/
66	5,085,228		Neil T. Mooney et al.	02-04-1992	/	/	/
67	5,105,838		Jackie L. White et al.	04-21-1992	/	/	/
68	5,156,169		G. A. Holmes et al.	10-20-1992	/	/	/
69	5,163,452		Clifford R. Marritt et al.	11-17-1992	/	/	/
70	5,170,128		Heinz Masurat et al.	12-08-1992	/	/	/
71	5,191,906		James L. Myracle, Jr.	03-09-1993	/	/	/
72	5,200,020		Alfred L. Collins et al.	04-06-1993	/	/	/
73	5,281,261		J. W. Lin	01-25-1994	/	/	/
74	5,314,559		Steven R. Rinehart et al.	05-24-1994	/	/	/
75	5,342,484		Edwin L. Cutright et al.	08-30-1994	/	/	/
76	5,387,285		Ernest E. Rivers	02-07-1995	/	/	/
77	5,450,863		Alfred L. Collins et al.	09-19-1995	/	/	/
78	H1517		J. R. Erickson et al.	02-06-1996	/	/	/
79	5,534,114		Edwin L. Cutright et al.	07-09-1996	/	/	/
80	5,563,644		L. V. Isganitis et al.	10-08-1996	/	/	/
81	5,623,001		M. Figov	04-22-1997	/	/	/
82	5,634,477		Shinji Ogura et al.	06-03-1997	/	/	/
83	5,666,976		John M. Adams et al.	09-16-1997	/	/	/
84	5,679,115		K. Fritzsche et al.	10-21-1997	/	/	/
85	5,692,526		John M. Adams et al.	12-02-1997	/	/	/
86	5,709,352		Jeffery Kane Rogers et al.	01-20-1998	/	/	/
87	5,735,292		Fiorenzo Draghetti	04-07-1998	/	/	/
88	5,764,257		H. Miyazawa et al.	06-09-1998	/	/	/
89	5,849,153		Y. Ishino et al.	12-15-1998	/	/	/
90	5,919,906		Anne G. Rowlands et al.	07-06-1999	/	/	/
91	5,958,275		W. T. Joines et al.	09-28-1999	/	/	/
92	5,966,218		G. H. Bokelman et al.	10-12-1999	/	/	/
93	5,979,461		A. Bensalem et al.	11-09-1999	/	/	/
94	5,997,691		Navin Gautam et al.	12-07-1999	/	/	/
95	5,998,774		W. T. Joines et al.	12-07-1999	/	/	/
96	6,020,969		A. D. Struckhoff et al.	02-01-2000	/	/	/
97	6,059,706		Firdausia Chehab et al.	05-09-2000	/	/	/
98	6,075,232		W. T. Joines et al.	06-13-2000	/	/	/
99	6,087,642		W. T. Joines et al.	07-11-2000	/	/	/
100	6,126,259		C. S. Tamarin	10-03-2000	/	/	/
101	6,181,439	B1	R. Bronstein et al.	01-30-2001	/	/	/
102	6,198,537	B1	G. H. Bokelman et al.	03-06-2001	/	/	/
103	6,202,648	B1	Peter Schumacher et al.	03-20-2001	/	/	/
104	6,202,649	B1	Jonnie R. Williams	03-20-2001	/	/	/
105	6,229,115	B1	Helmut Voss et al.	05-08-2001	/	/	/
106	6,232,361	B1	M. Laksin et al.	05-15-2001	/	/	/
107	6,246,037	B1	J. M. Drozd et al.	06-12-2001	/	/	/
108	6,259,077	B1	J. M. Drozd et al.	07-10-2001	/	/	/

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number 10/665,066  
Filing Date September 17, 2003  
First Named Inventor Pankaj Patel et al.  
Group Art Unit 1731  
Examiner Name Unknown  
Attorney Docket Number 00568-286923

Sheet 3 of 4 Express Mail No: EV 367 776 488 US

Class Sub

109	6,298,780	B1	N. Ben-Horin et al.	10-09-2001		
110	6,501,925	B2	M. Yamamoto et al.	12-31-2002		
111	6,519,421	B2	H. Inoue	02-11-2003		
112	6,596,125	B1	Rajesh Garg et al.	07-22-2003		
113	6,606,999	B2	Evon Llewellyn Crooks et al.	08-19-2003		
114	6,645,605	B2	James Rodney Hammersmith et al.	11-11-2003		
115	6,647,878	B2	Mathias Blau et al.	11-18-2003		
116	6,684,781	B1	Masayoshi Saitoh	02-03-2004		
Applications 117	2001/0042456	A1	M. E. Kamen et al.	11-22-2001		
118	2002/0004132	A1	J. P. Banovetz	01-10-2002		
119	2002/0023655	A1	Stefan Fietkau	02-28-2002		
120	2002/0092621	A1	H. Suzuki	07-18-2002		
121	2002/0129823	A1	M. Dombek et al.	09-19-2002		
122	2002/0135290	A1	T. Avnery	09-26-2002		
123	2002/0139381	A1	Richard M. Peterson et al.	10-03-2002		
124	2002/0150829	A1	W. Zhao et al.	10-17-2002		
125	2002/0179105	A1	Michael A. Zawadzki et al.	12-05-2002		
126	2002/0179106	A1	Michael A. Zawadzki et al.	12-05-2002		
127	2003/0004223	A1	I. V. Khudyakov	01-02-2003		
128	2003/0031843	A1	D. Wu et al.	02-13-2003		
129	2003/0032692	A1	A. Mejiritski	02-13-2003		
130	2003/0035037	A1	S. J. Mills et al.	02-20-2003		
131	2003/0064201	A1	L. Xing et al.	04-03-2003		
132	2003/0067527	A1	S. Temple	04-10-2003		
133	2003/0069363	A1	G. D. Greenblatt et al.	04-10-2003		
134	2003/0073755	A1	J. L. Gamett et al.	04-17-2003		
135	2003/0131860	A1	Charles Ray Ashcraft et al.	07-17-2003		
136	2003/0136419	A1	Hans-Heinrich Muller	07-24-2003		
137	2003/0136420	A1	Thomas A. Kraker	07-24-2003		
138	2003/0145866	A1	Franz Hartmann	08-07-2003		
139	2003/0145869	A1	Satoshi Kitao et al.	08-07-2003		
140	2003/0150466	A1	Satoshi Kitao et al.	08-14-2003		
141	2003/0197126	A1	Kiyomis Sato et al.	10-23-2003		
142	2003/0211351	A1	Edmund W. Figel et al.	11-13-2003		
143	2004/0011369	A1	Takaaki Matsufuji et al.	01-22-2004		
144	2004/0020520	A1	Agustin Tosas Fuentes et al.	02-05-2004		

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
JSM	145	EP	0546576	B1	James L. Eden et al.	03-27-1996		
	146	WO	0056554		Scitex Corp. Ltd.	09-28-2000		
	147	EP	1092354	A1	Athanasios Nikolaou	04-18-2001		
	148	WO	0208309		D. C. Neckers	01-31-2002		
	149	WO	02/17737	A1	Japan Tobacco Inc.	03-07-2002	English Translation Attached	✓
	150	WO	02/19848	A1	Japan Tobacco Inc.	03-14-2002	English Translation Attached	✓
	151	WO	02/37991	A1	Schweitzer-Mauduit International	05-16-2002		

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO		<b>Complete if Known</b>	
		<b>Application Number</b>	10/665,066
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Filing Date</b>	September 17, 2003
		<b>First Named Inventor</b>	Pankaj Patel et al.
		<b>Group Art Unit</b>	1731
		<b>Examiner Name</b>	Unknown
		<b>Attorney Docket Number</b>	00568-286923
Sheet	4 of 4	Express Mail No:	EV 367 776 488 US

152	WO	02/44700	A1	Philip Morris Products Inc.	06-06-2002	
153	WO	02/055294	A1	RFS Ecusta	07-18-2002	
154	EP	1 234 514	A2	Lorillard Licensing Company, Llc	08-28-2002	
155	WO	02/078471	A1	Lorillard Licensing Company LLC	10-10-2002	
156	WO	03/000497	A2	Hauni Maschinenbau AG	01-03-2003	English Abstract
157	EP	1 003 643	B1	Trident International, Inc.	03-05-2003	
158	EP	1329165	A1	Japan Tobacco Inc.	07-23-2003	
160	WO	03/064165	A1	Tricon Consulting GMBH & Co. KG	08-07-2003	
161	WO	03/077686	A1	Fumio Kubo et al.	09-25-2003	✓

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SWM	162	Hauni Protos/VE 80 Operating Manual, No. 385, B2282e, pages 3/10 – 3/11, in existence at least as of December 20, 2002.	
	163	Hauni Protos/SE 80 Operating Manual, No. B585e, pages 4/10 – 4/11, in existence at least as of December 20, 2002.	
	164	Hauni Operating Manual, MAX 2, No. 78, HME.0110.04.5.e, pages 13-49 – 13/81, June 1997.	

Examiner Signature	<i>W. Mays</i>	Date Considered	10-1-06
--------------------	----------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

00568-278530  
WINLIB01:1061767.1

Substitute for form 1448A/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/665,066
				Filing Date	September 17, 2003
				First Named Inventor	Pankaj Patel et al
				Art Unit	1731
				Examiner Name	Unknown
(Use as many sheets as necessary)				Attorney Docket Number	00568-286923
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)			Class	Sub
	1.	US- 2,718,889	09/27/1955	Claussen		
	2.	US- 3,903,899	09/09/1975	Musillo		
	3.	US- 4,077,414	03/07/1978	Baker et al.		
	4.	US- 4,239,591	12/16/1980	Blake		
	5.	US- 4,452,259	06/05/1984	Norman et al.		
	6.	US- 4,480,650	11/08/1984	Weinert		
	7.	US- 5,263,500	11/23/1993	Baldwin et al.		
	8.	US- 5,263,999	11/23/1993	Baldwin et al.		
	9.	US- 5,417,228	05/23/1995	Baldwin et al.		
	10.	US- 5,878,753	03/09/1999	Peterson et al.		
	11.	US- 5,878,754	03/09/1999	Peterson et al.		
	12.	US- 6,543,457 B2	04/08/2003	Maiwald et al.		
	13.	US- 6,837,248 B2	01/04/2005	Zawadzki et al.		
	14.	US- 6,883,524 B2	04/26/2005	Ishikawa et al.		
	15.	US- 6,904,917 B2	06/14/2005	Kitao et al.		
	16.	US- 2002/0062834 A1	05/30/2002	Snaird et al.		
	17.	US- 2002/0129824 A1	09/19/2002	Hammersmith et al.		
	18.	US- 2003/0037792 A1	02/27/2003	Snaird et al.		
	19.	US- 2004/0123874 A1	07/01/2004	Zawadzki et al.		
	20.	US- 2004/0134631 A1	07/15/2004	Crooks et al.		
	21.	US- 2004/0218862 A1	11/04/2004	Janz et al.		
	22.	US- 2004/0261805 A1	12/30/2004	Wanna et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	23.	GB 602 736	06/02/1948	Friedwald		
	24.	GB 1 378 169	12/27/1974	Hauni-Werke Korber & Co., K.G.		
	25.	WO 2004/089120 A1	10/21/2004	Japan Tobacco Inc.	English Abstract	
	26.	WO 2004/095957 A3	11/11/2004	British American Tobacco (Investments) Limited		

Examiner Signature	<i>W. M. M. M.</i>	Date Considered	10-1-06
-----------------------	--------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.